

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59367 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Apr 2 2006

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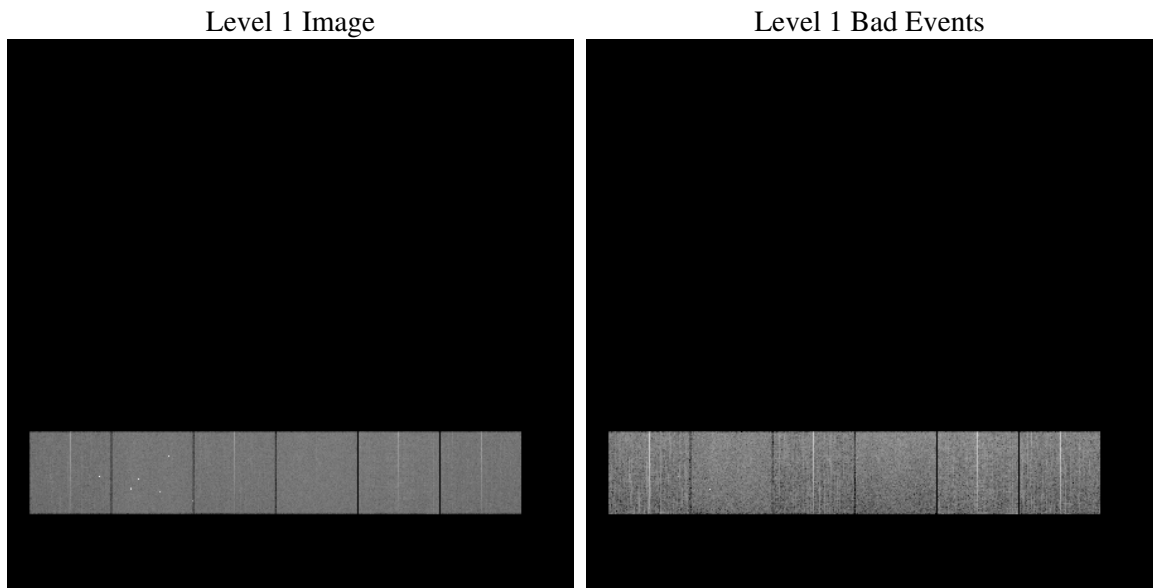
1 Front

seq_num	
obs_id	59367
title	ACIS-456789 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	0.023798125517977
dec_nom	-0.015818479391972
roll_nom	293.53510307046
revision	2
ontime	7798.2417284846
livetime	7699.4956961811
ontime4	7163.1343203485
ontime5	7798.2827684879
ontime6	7655.7208462656
ontime7	7798.2417284846
ontime8	7798.3999709487
ontime9	7483.8264494538
l2events	965909

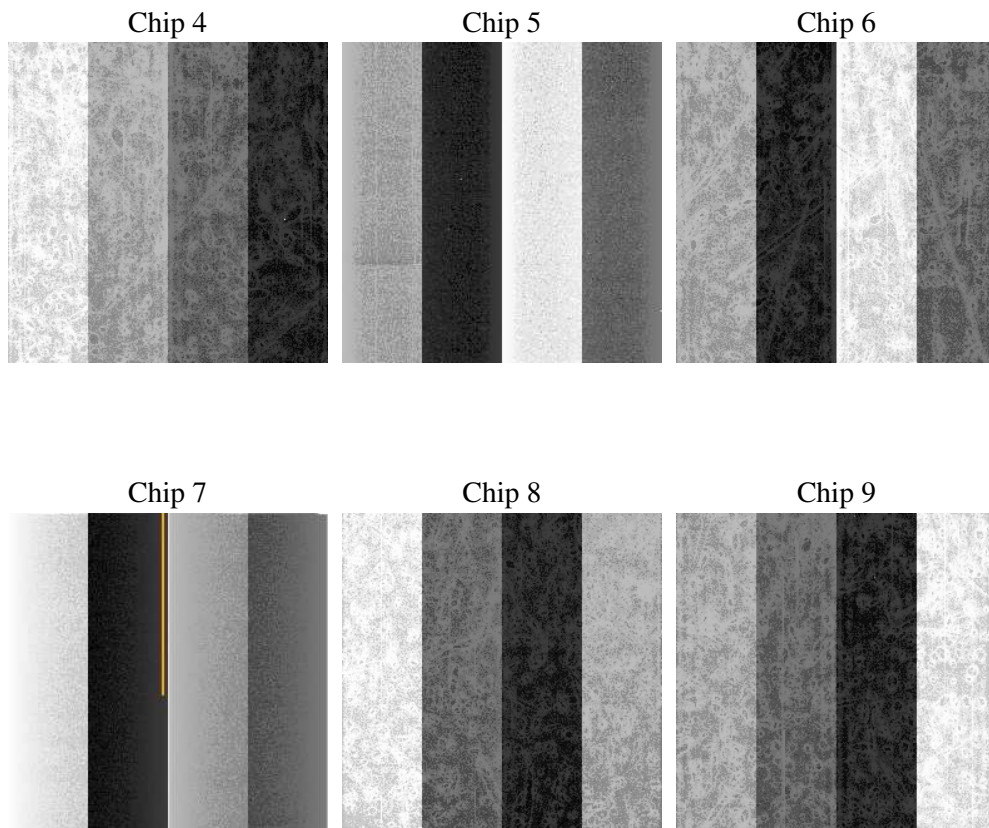
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-03T00:36:27
revision	2

sched_exp_time	0.0
ontime	7801.0947993696
ontime4	7165.8642712235
ontime5	7801.0947993696
ontime6	7658.4918371439
ontime7	7801.0947993696
ontime8	7801.0947993696
ontime9	7486.7205603421
l1events	1398415

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	212369	239096	230849	244547	249719	221835
rejected events	60228	60843	57847	57943	65906	58803
rejected %	28%	25%	25%	23%	26%	26%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	88835	24512	93604	31472	98314	89333
	41%	10%	40%	12%	39%	40%
grade 1 events	694	139	493	102	541	538
	0%	0%	0%	0%	0%	0%
grade 2 events	24001	79137	30271	55635	32734	28155
	11%	33%	13%	22%	13%	12%
grade 3 events	9925	5559	10925	13338	12172	10479
	4%	2%	4%	5%	4%	4%
grade 4 events	10136	5544	10801	13198	12222	10509
	4%	2%	4%	5%	4%	4%
grade 5 events	3308	5929	3771	6687	4366	3890
	1%	2%	1%	2%	1%	1%
grade 6 events	19316	63567	27492	73046	28443	24637
	9%	26%	11%	29%	11%	11%
grade 7 events	56154	54709	53492	51069	60927	54294
	26%	22%	23%	20%	24%	24%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
Pointing RA	0	0.02379812551797657	Alternating exposures requested	N	N
Pointing Dec	0	-0.01581847939197218	Primary exposure time	3.2	3.2
Pointing Roll	0.0	293.5351030704618			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	246727699.763528	246727698.73852			
Observation start date	2005-10-26T15:28:20	2005-10-26T15:28:18			
Observation end time	246747789.764454	246747788.73945			
Observation end date	2005-10-26T21:03:10	2005-10-26T21:03:08			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.79824172

A.2 Comments